

WHAT IS CLAIMED IS:

1. A recording apparatus comprising:
image pickup means;
a recording medium interface adapted to record
5 first image data obtained by said image pickup means
in a recording medium;
reproduction list processing means for
generating reproduction list data which designates
reproduction of modified image data generated using
10 the first image data recorded in said recording
medium; and
control means for controlling said recording
medium interface to record the reproduction list data
generated by said reproduction list processing means
15 and said modified image data in said recording medium.
2. An apparatus according to claim 1, further
comprising: effect instruction means for instructing
a special effect processing for the first image data
20 obtained by said image pickup means, wherein said
reproduction list processing means generates the
reproduction list data which designates the
reproduction of said modified image data in response
to the instruction of the special effect processing
25 by said effect instruction means.
3. An apparatus according to claim 2, further

comprising: image processing means for generating
said modified image data by using said first image
data reproduced from said recording medium by said
recording medium interface.

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4. An apparatus according to claim 3, wherein
said control means controls said recording medium
interface to reproduce only image data of a portion
necessary for said special effect processing in the
10 first image data recorded in said recording medium
and to output the reproduced image data to said image
processing means.

5. An apparatus according to claim 1, wherein
15 said reproduction list processing means generates the
reproduction list data which designates a
reproduction processing of image data recorded in
said recording medium to reproduce said modified
image data instead of said first image data.

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6. An apparatus according to claim 1, further
comprising: image processing means for generating
said modified image data, wherein said control means
controls said image processing means to generate said
25 modified image data in response to an instruction for
stopping the recording of said first image data with
respect to said recording medium.

7. An apparatus according to claim 1, wherein
said recording medium interface reproduces said first
image data, said modified image data, and said
reproduction list data from said recording medium,
5 and wherein said control means controls a
reproduction operation of said first image data and
said modified image data by said recording medium
interface in accordance with the reproduction list
data reproduced by said recording medium interface.

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8. An apparatus according to claim 7, further
comprising: coding processing means for coding the
first image data obtained by said image pickup means
and said modified image data, and decoding said first
15 image data and said modified image data reproduced
from said recording medium.

9. An apparatus according to claim 8, further
comprising: image processing means for generating
20 said modified image data by using the first image
data decoded by said coding processing means.

10. An apparatus according to claim 8, further
comprising: output means for outputting said modified
25 image data reproduced by said recording medium
interface in accordance with said reproduction list
data, in a coded form to an external apparatus.

11. An apparatus according to claim 7, further comprising: instruction means for instructing invalidation of the reproduction in accordance with said reproduction list data, wherein said control
5 means controls said recording medium interface to prohibit said modified image data from being reproduced and to reproduce said first image data instead of said modified image data prohibited from being reproduced, in response to the instruction for
10 the invalidation by said instruction means.

12. An apparatus according to claim 1, wherein said control means controls said recording medium interface to record said modified image data
15 generated by an external apparatus in said recording medium.

13. An imaging apparatus comprising:
image pickup means;
20 recording means for recording first image data obtained by said image pickup means in a recording medium;

recording instruction means for instructing said recording means to start or stop the recording
25 of said first image data;

effect instruction means for instructing a special effect processing;

image processing means for, in response to the recording stop instruction by said recording instruction means, subjecting image data of a part of a period of the first image data recorded in said recording medium to the special effect processing instructed by said effect instruction means to generate modified image data;

control means for controlling said recording means to record the modified image data generated by said image processing means in said recording medium; and

reproduction list processing means for generating reproduction list data which designates a reproduction procedure of image data recorded in said recording medium to reproduce said modified image data instead of said image data of the part of the period,

wherein said control means further controls said recording means to record the reproduction list data generated by said reproduction list processing means in said recording medium.

14. An apparatus according to claim 13, further comprising: reproduction means for reproducing said first image data, said modified image data, and said reproduction list data from said recording medium, wherein said control means controls a reproduction

operation of said first image data and said modified image data by said reproduction means, in accordance with the reproduction list data reproduced by said reproduction means.

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15. An apparatus according to claim 14, further comprising: coding processing means for coding the first image data obtained by said image pickup means and said modified image data, and decoding said first
10 image data and said modified image data reproduced from said recording medium.

16. An apparatus according to claim 15, wherein said image processing means generates said modified
15 image data by using the first image data decoded by said coding processing means.

17. An apparatus according to claim 15, further comprising: output means for outputting said modified
20 image data reproduced by said reproduction means in accordance with said reproduction list data, in a coded form to an external apparatus.

18. An imaging apparatus comprising:
25 image pickup means;
a recording medium interface adapted to record first image data obtained by said image pickup means

in a recording medium;

image processing mean for subjecting the first
image data recorded in said recording medium to a
special effect processing to generate the modified
5 image data;

control means for controlling said image
processing means to generate said modified image data
in response to an instruction for stopping the
recording of said first image data with respect to
10 said recording medium; and

reproduction list processing means for
generating reproduction list data which designates
reproduction of the modified image data generated
using the first image data recorded in said recording
15 medium,

wherein said control means further controls
said recording medium interface to record the
reproduction list data generated by the reproduction
list processing means and said modified image data in
20 said recording medium.